

Publications

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## Does Instructor Quality Affect Student Grades?

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# Does Instructor Quality Affect Student Grades?

JOHN GRIFFITH, PH.D., EMILY FAULCONER,  
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High quality instructors positively influence student outcomes.

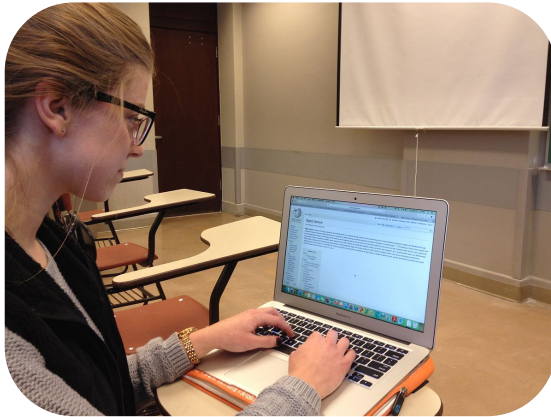
- ▶ Course design with strong organization
- ▶ Feedback
- ▶ Community of inquiry presences
- ▶ Cultural responsiveness



The university studied offers four modes of distance learning.

### Asynchronous

#### ▶ Online



### Synchronous

#### ▶ Classroom

#### ▶ Videosynchronous Classroom

#### ▶ Videosynchronous Home

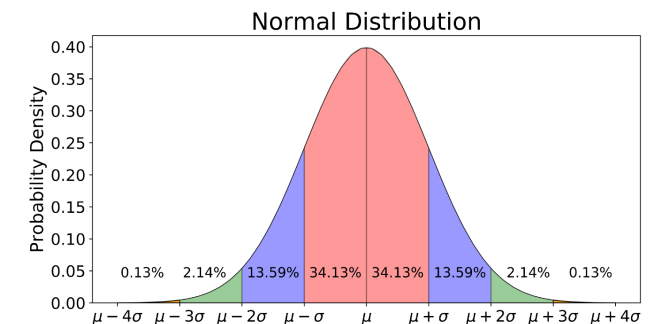


The student population for the student was largely non-traditional.

- ▶ 50% serving in the military
- ▶ 30% affiliated with the military (retired or spouse)
- ▶ Average age 34

# Does instructor quality impact student grades?

- ▶ 200 level statistics course
- ▶ Pre Covid - Jan 2019 term
- ▶ Compared Excellent Vs Average Faculty
- ▶ Controlled for Learning Mode



# Hypotheses tested...

- ▶ Ha1. Student end of course scores in courses taught by faculty rated excellent will differ from student end of course scores taught by faculty rated average.
- ▶ Ha2. Student end of course scores and faculty quality are related.
- ▶ Ha3 Student pass rates and faculty quality are related.

# Methodology

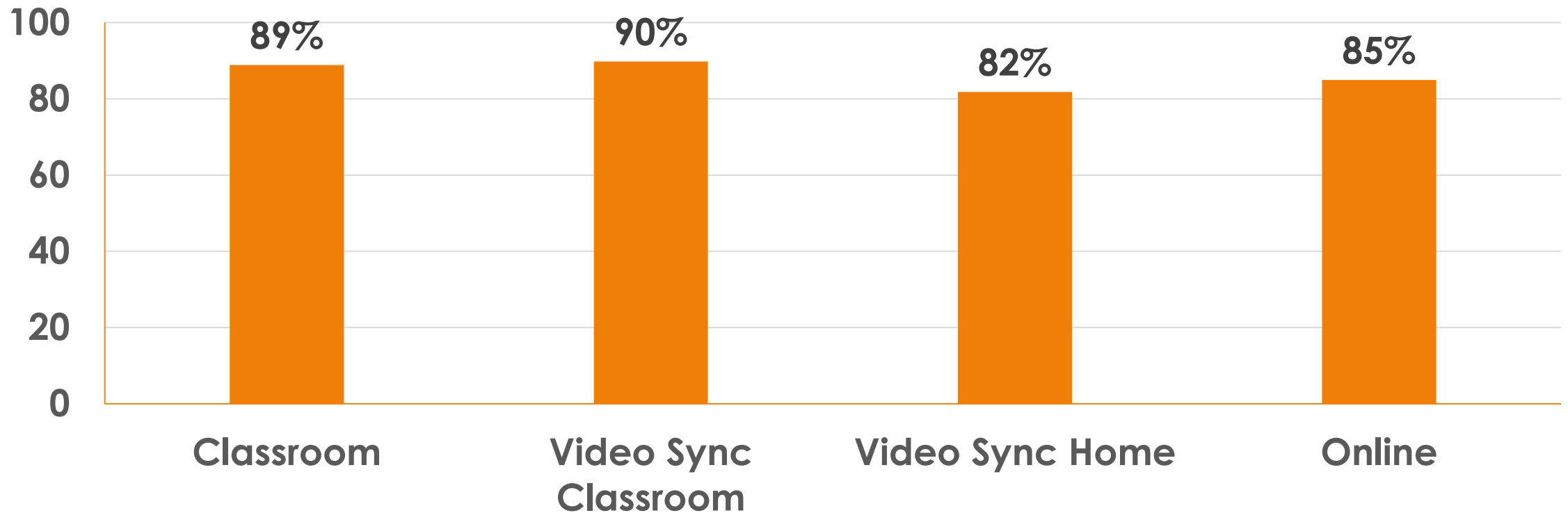
- ▶ N = 329 End of course grades
- ▶ Jan 2019 term
- ▶ All four class modes
- ▶ Controlled for modality
- ▶ Alpha .05 adjusted to .017





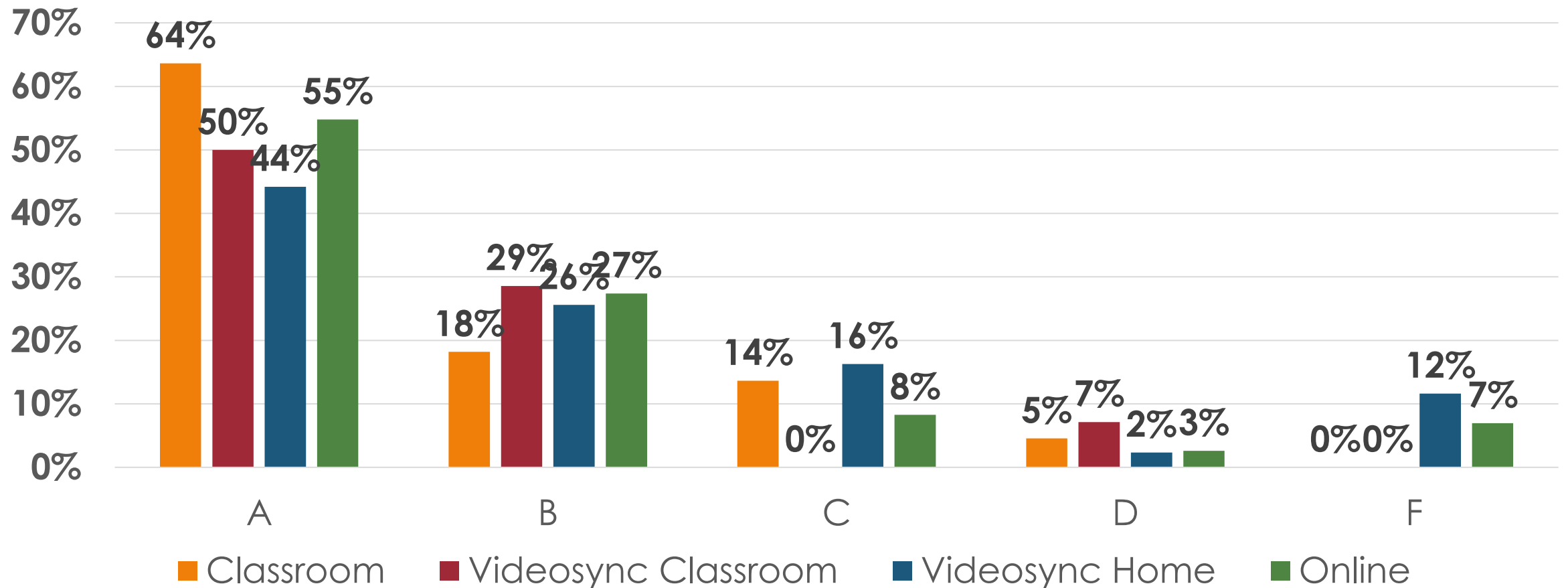
Final course grade was not related to the distance course modality.

8



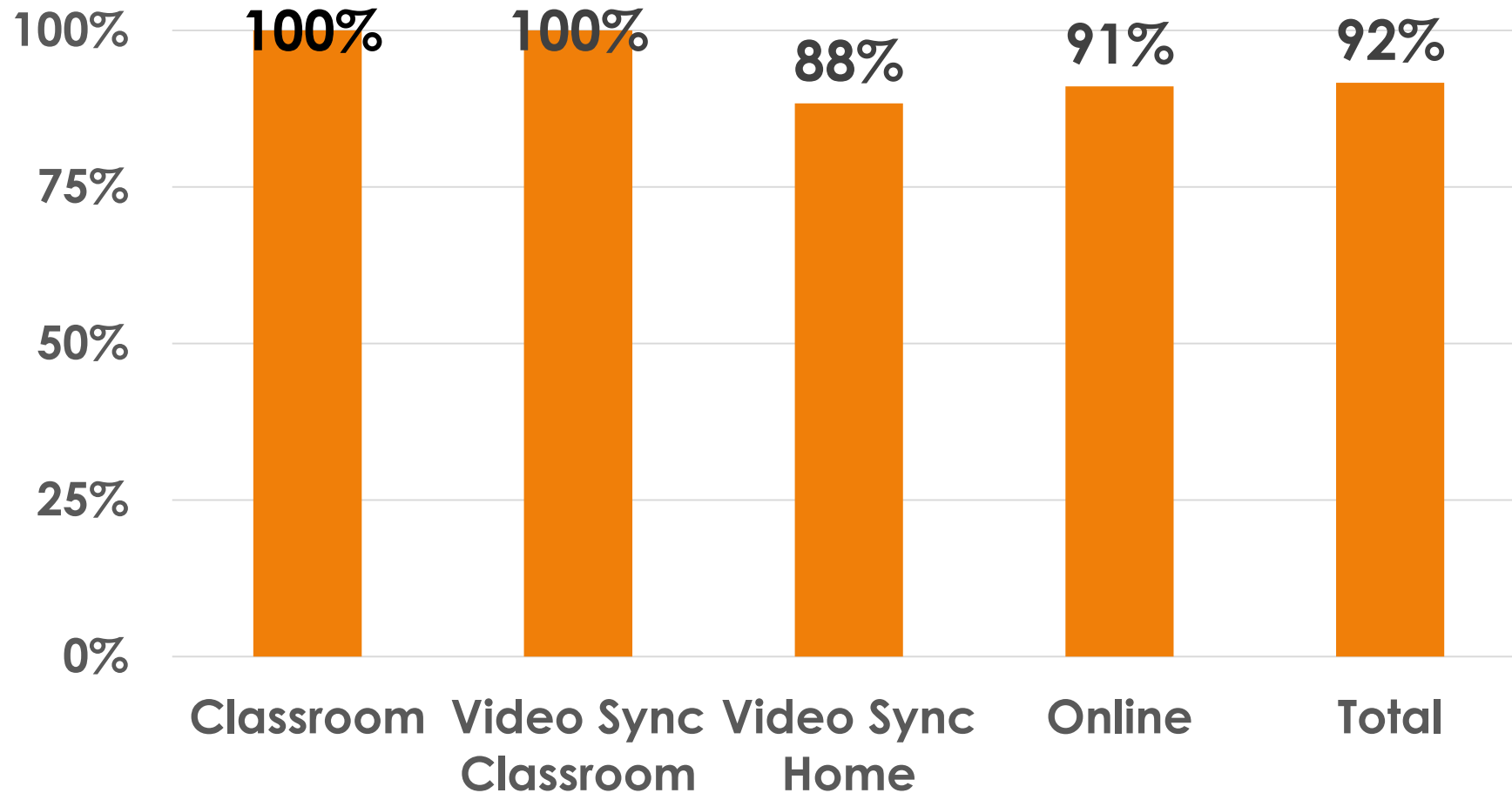
Grade distribution was not related to the distance course modality.

9



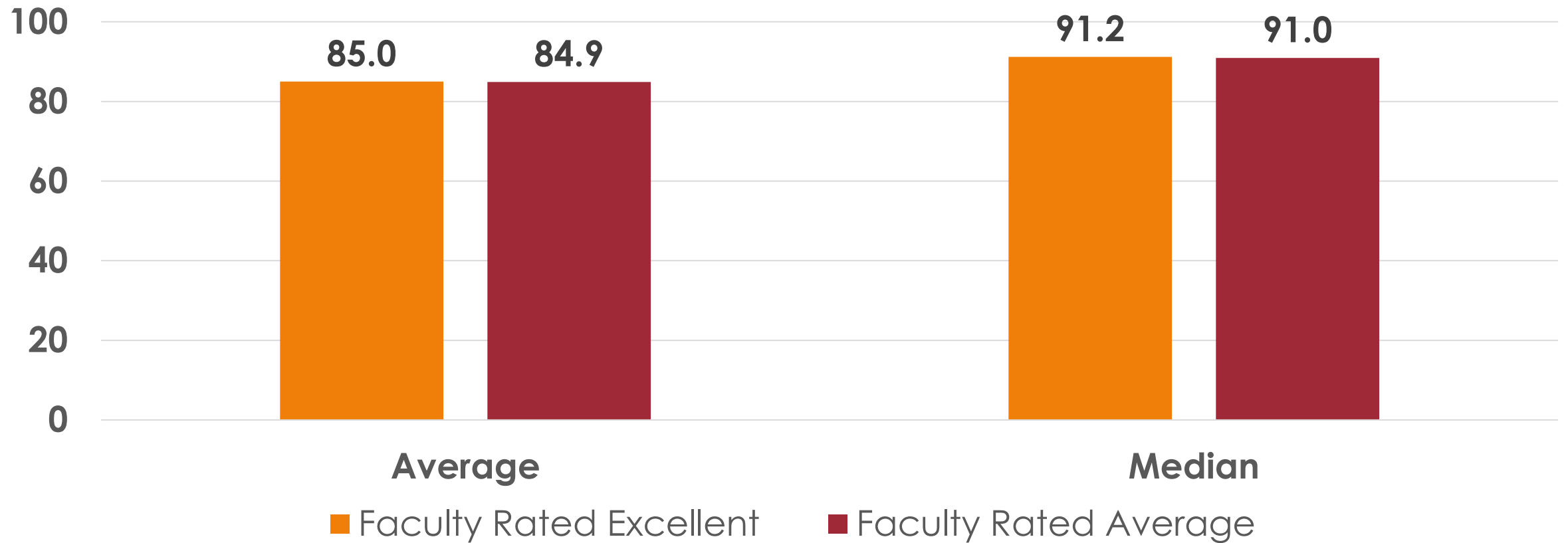
Pass rates were not related to the distance course modality.

10



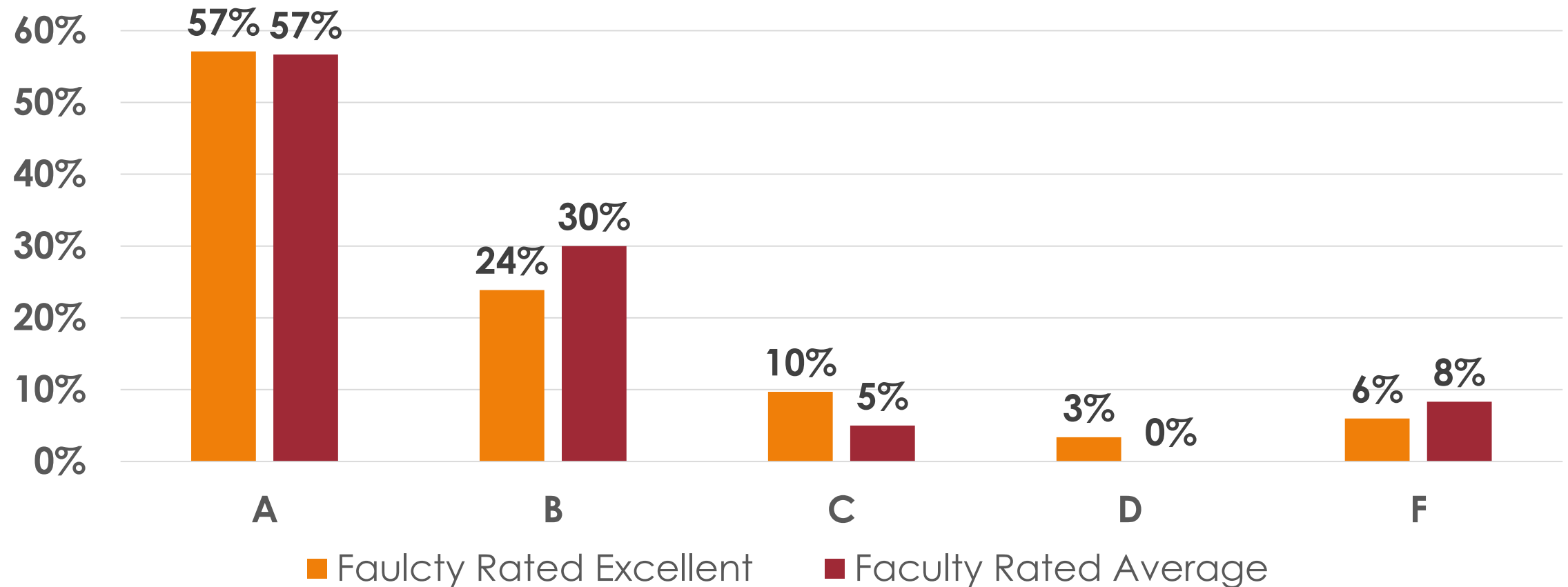
Instructor quality did not impact final course grade.

11



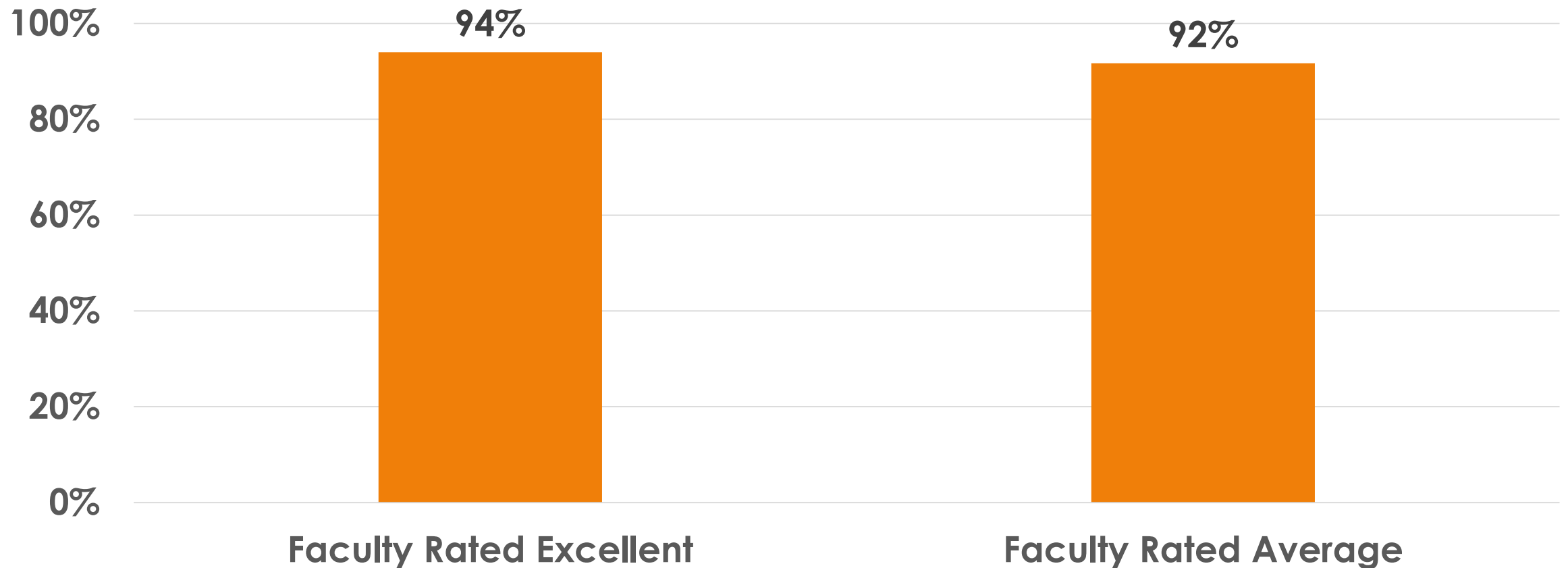
Instructor quality did not impact final grade distribution.

12



Instructor quality did not influence pass rate.

13



# Summary of Conclusions:

- ▶ Modality did not impact student outcomes
- ▶ Instructor quality did not impact student outcomes



# What to look at next....

- ▶ Repeat study in traditional setting
  - ▶ Term lengths
  - ▶ Student population
- ▶ Age and gender
- ▶ First time in college
- ▶ Selection of delivery modes





# Questions?

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